

Program Complot
(Version 2021-1)

by

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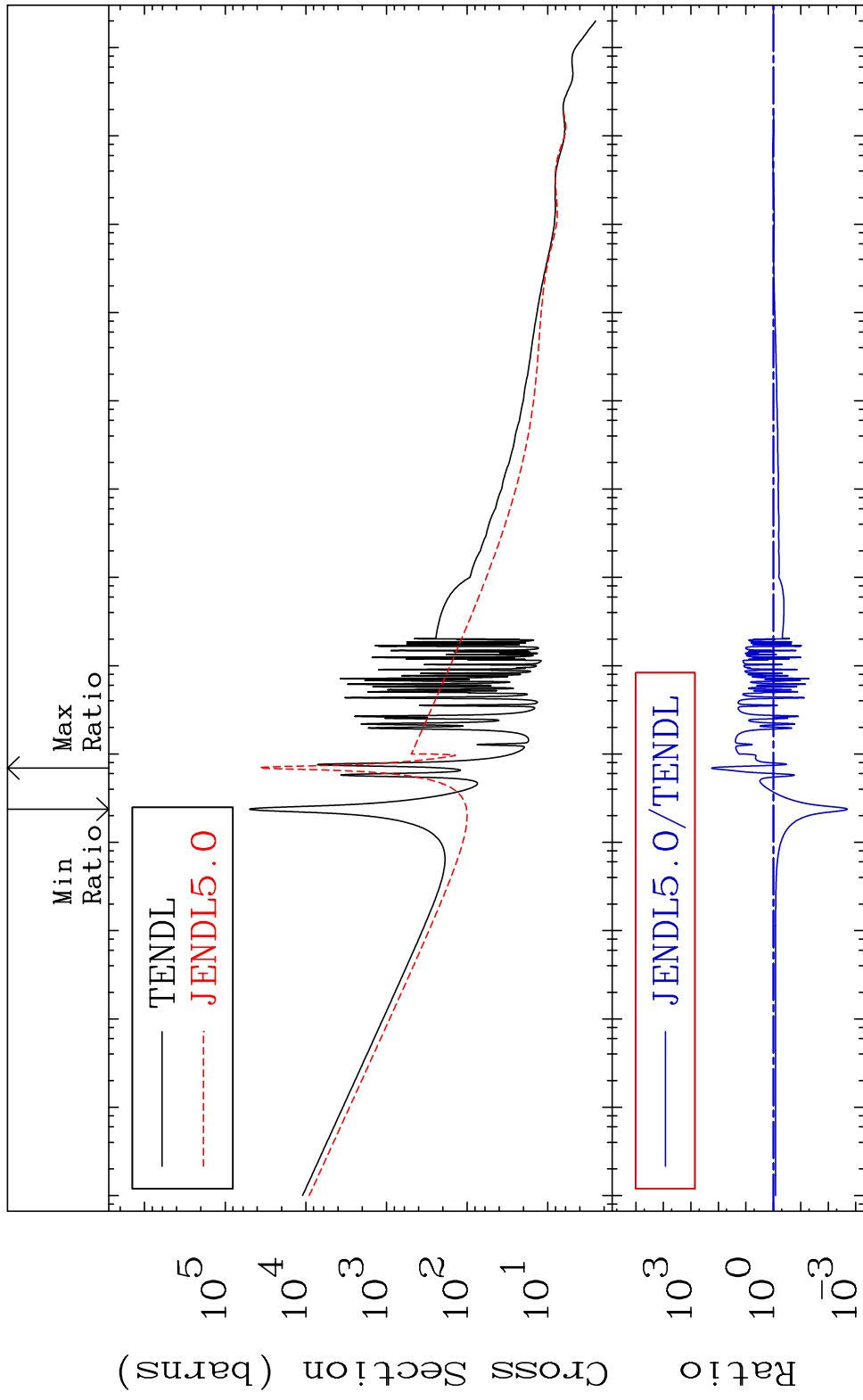
Press Mouse Button to Start

MAT 9913

Total

99-Es-253

Cross Section -99.80 To 9999. %



1

Incident Energy (eV)

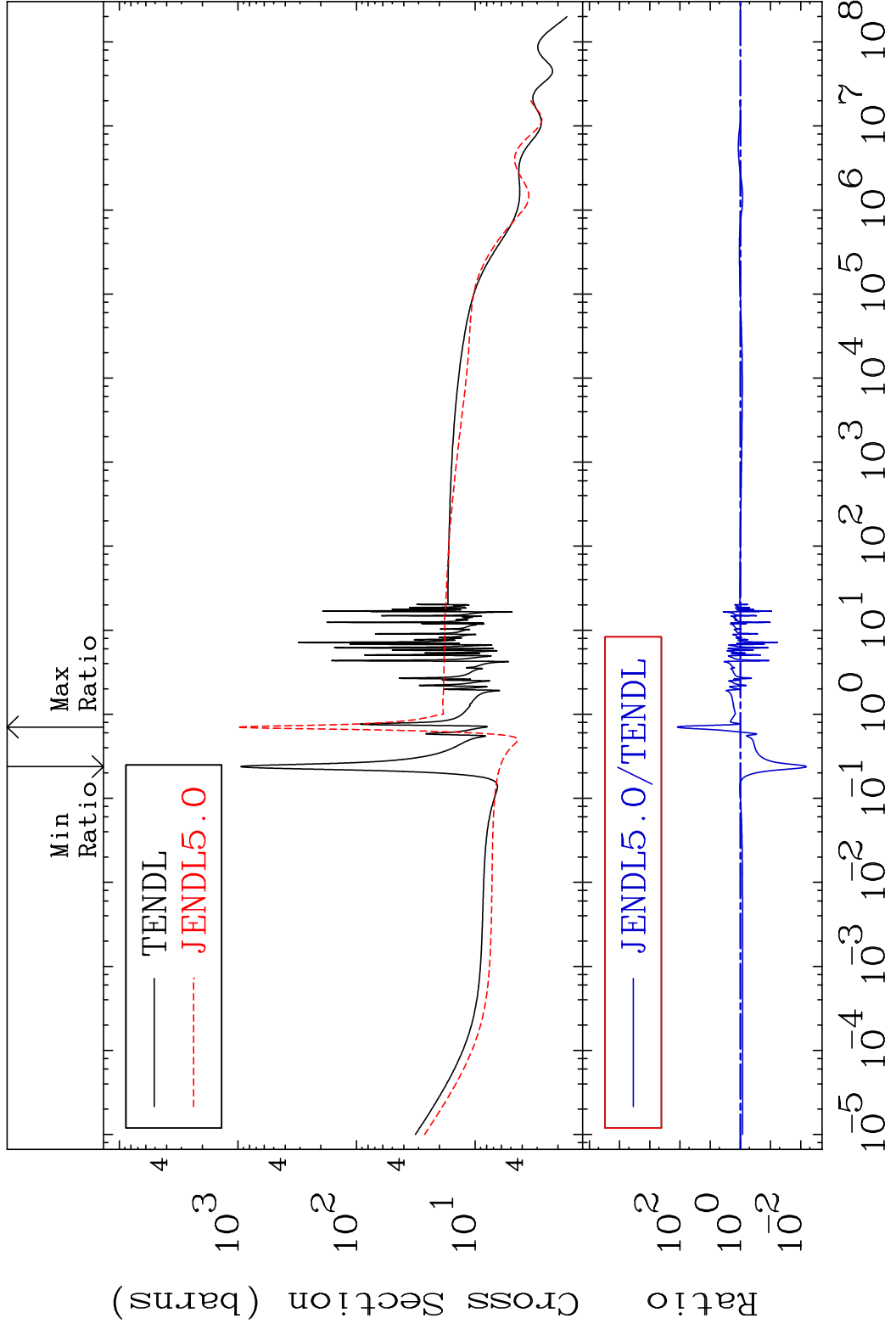
99-Es-253

MAT 9913

99-Es-253

Elastic

Cross Section -99.35 To 9999. %

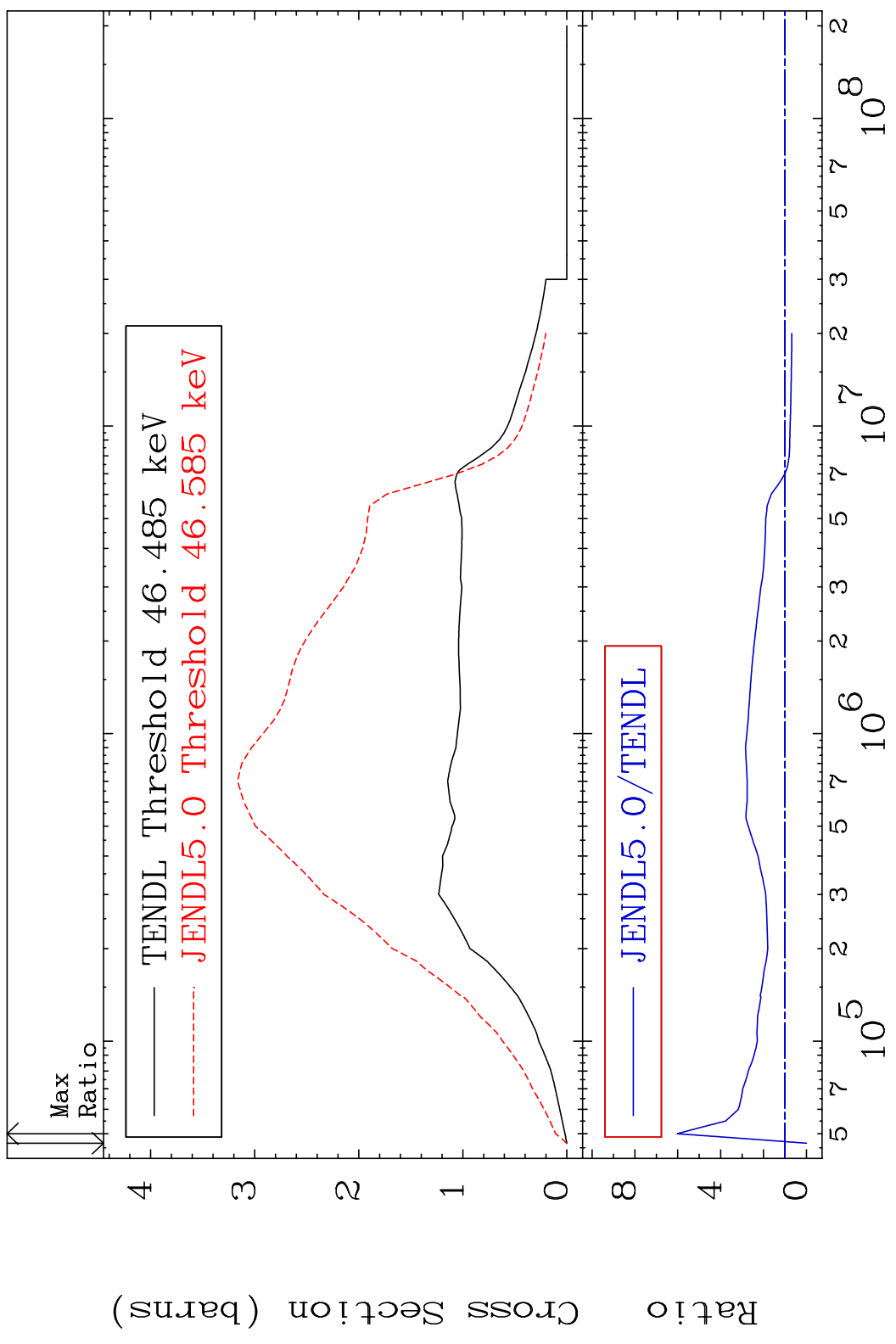


MAT 9913

Inelastic

99-Es-253

Cross Section -100.0 To 502.8 %



3

Incident Energy (eV)

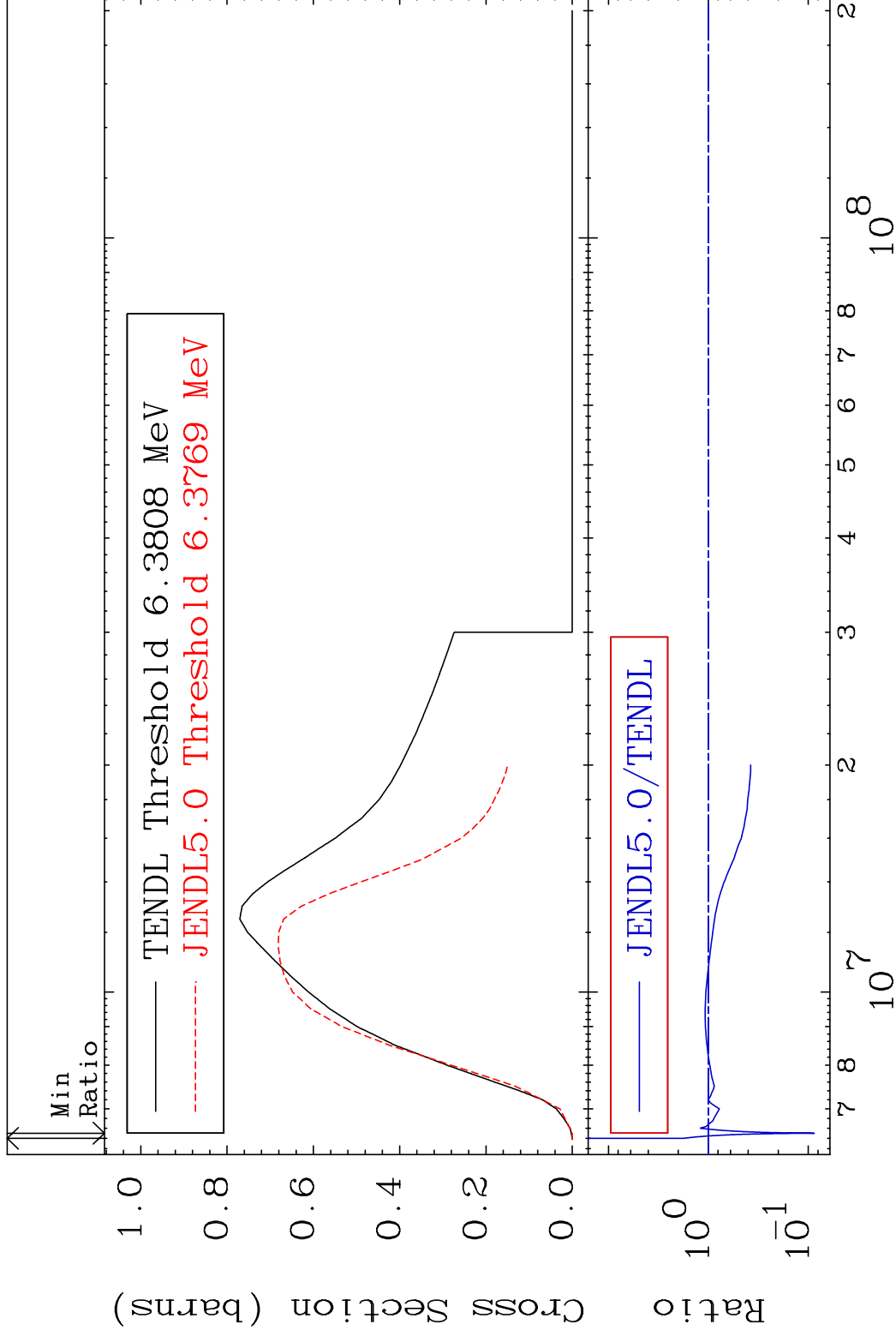
99-Es-253

MAT 9913

(n,2n)

99-Es-253

Cross Section -91.26 To 76.74 %



4

Incident Energy (eV)

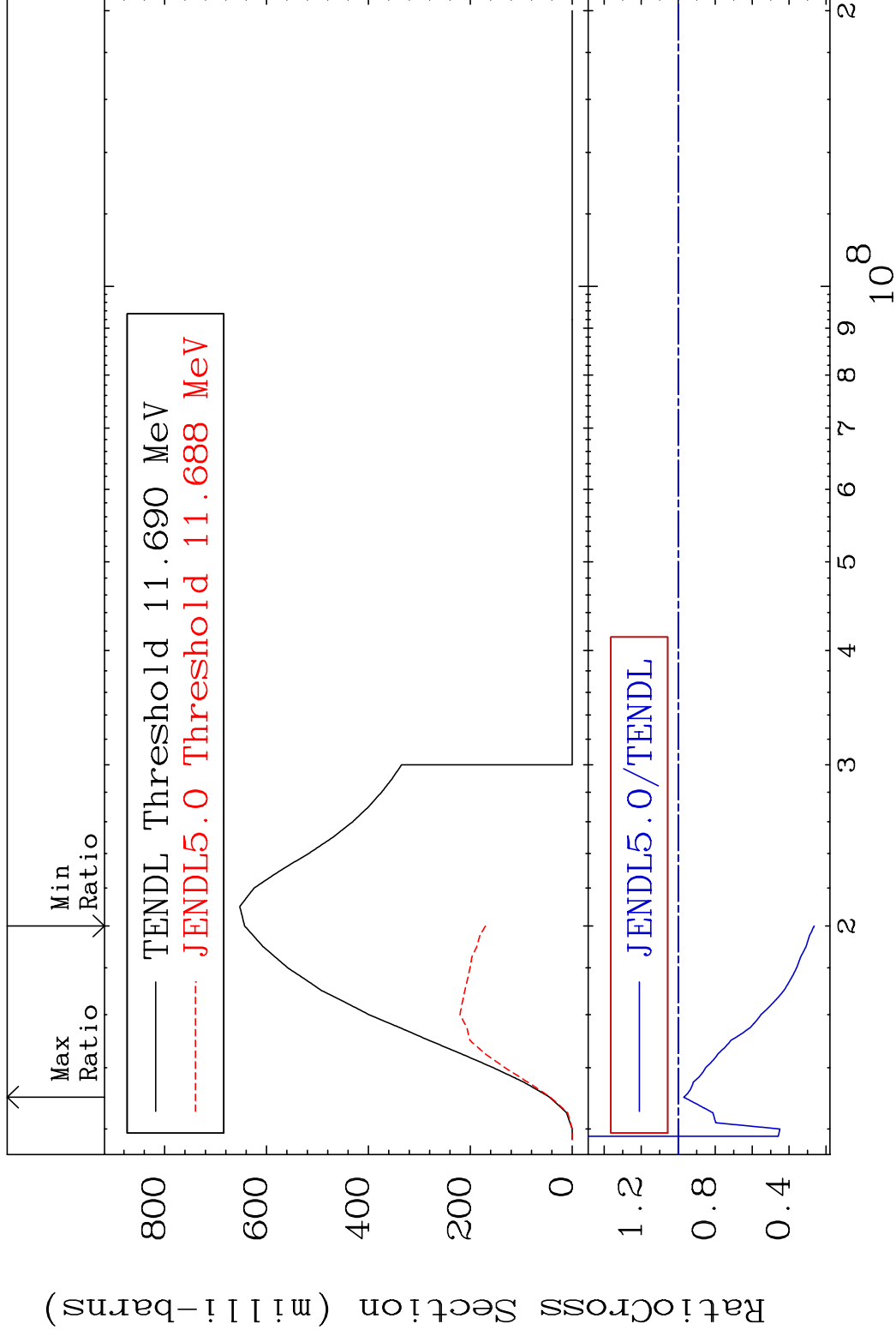
99-Es-253

MAT 9913

(n,3n)

99-Es-253

Cross Section -73.51 To -2.951%



5

Incident Energy (eV)

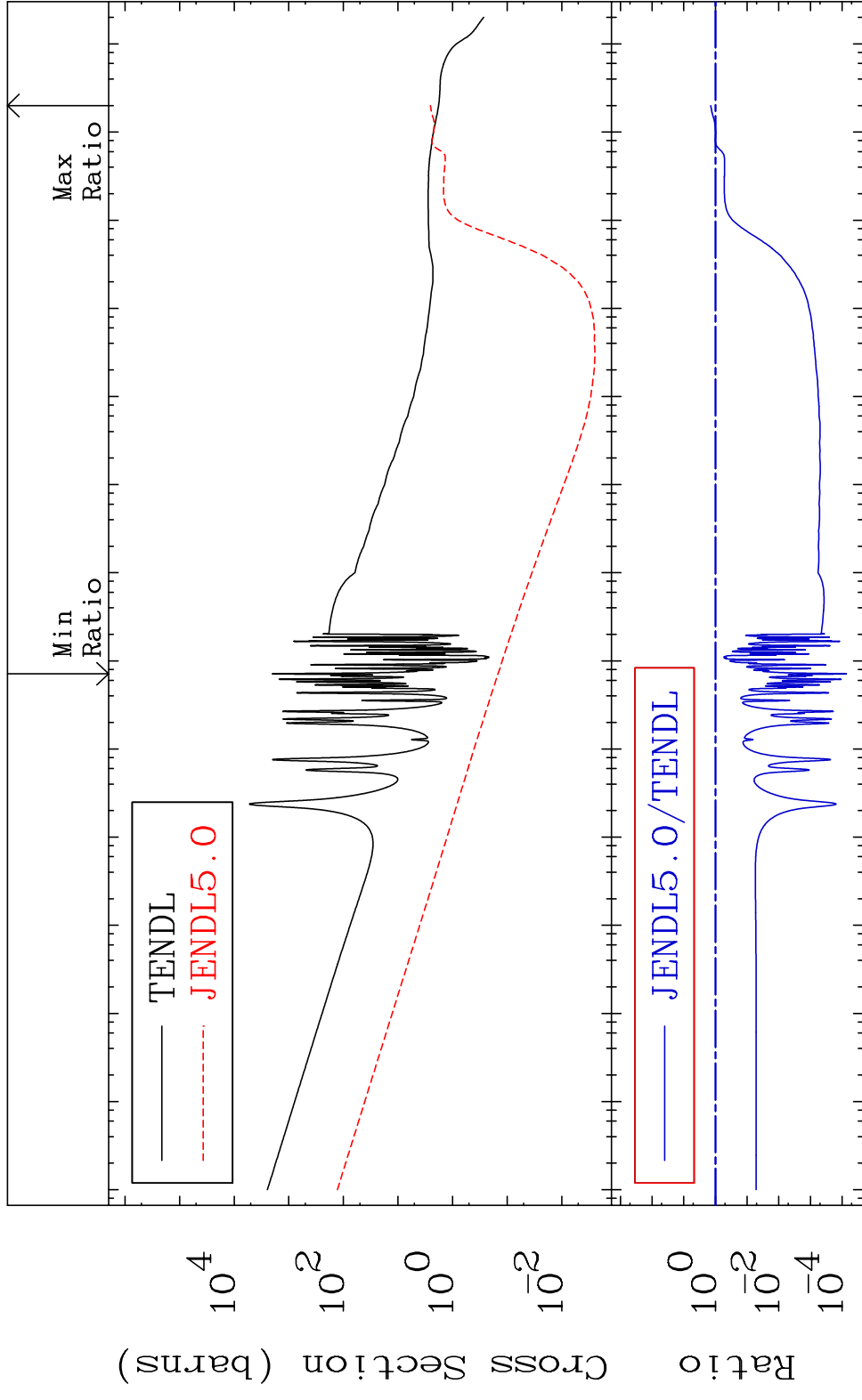
99-Es-253

MAT 9913

Fission

99-Es-253

Cross Section -99.99 To 40.79 %

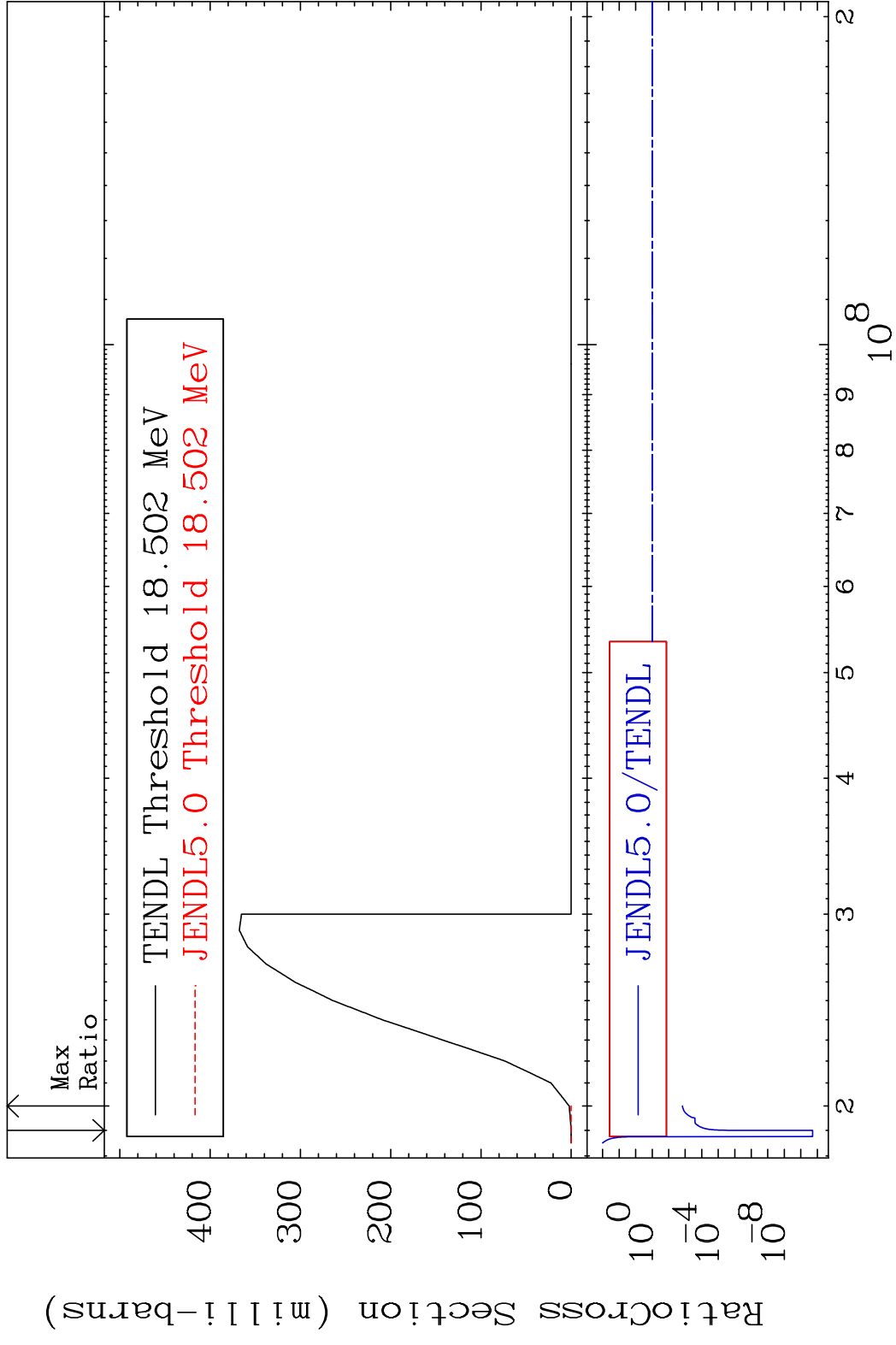


MAT 9913

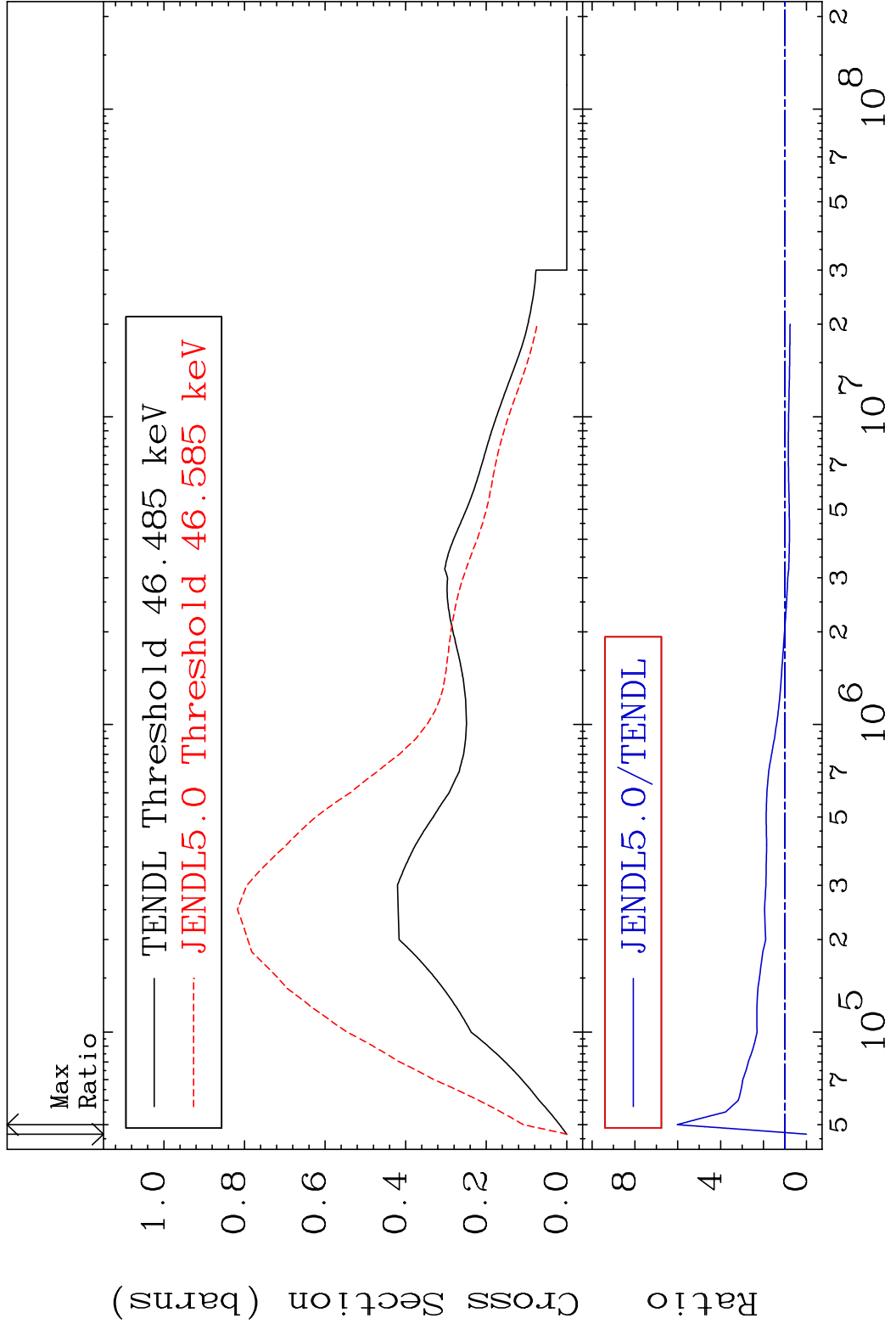
(n,4n)

99-Es-253

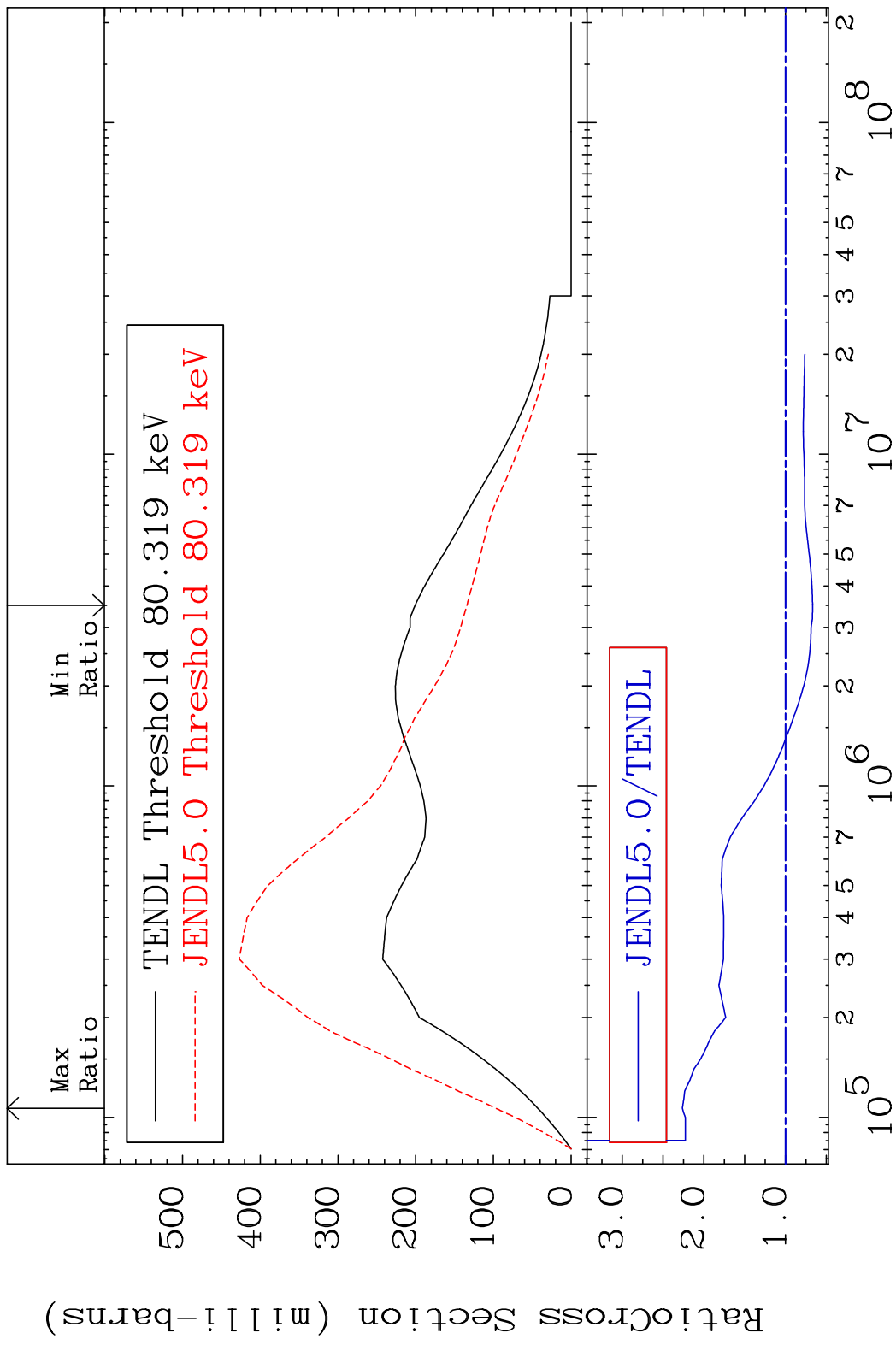
Cross Section -100.0 To -98.51%



MAT 9913 MT= 51 (n,n') Level 99-Es-253
 Cross Section -100.0 To 502.8 %

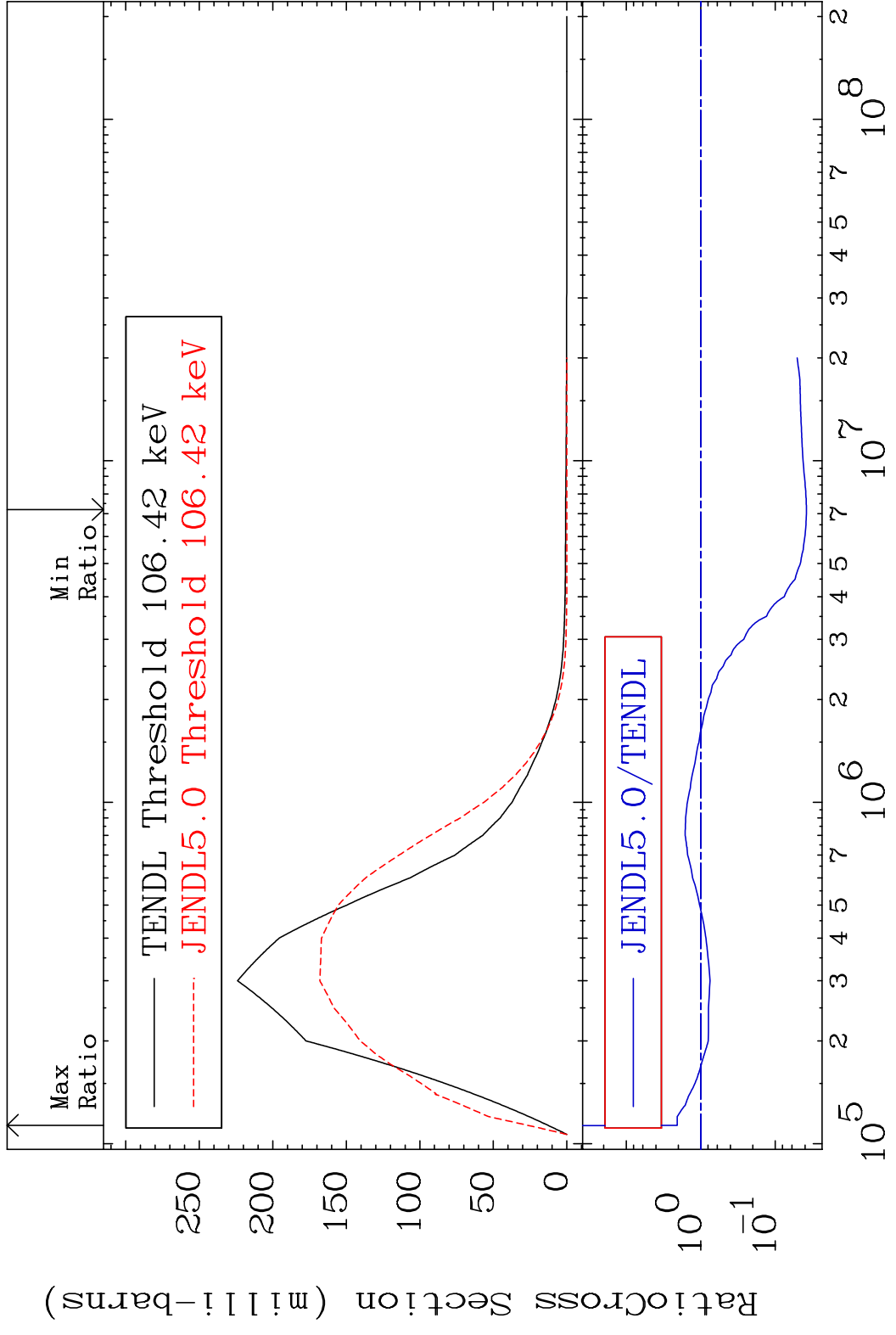


MAT 9913 MT= 52 (n, n') Level 99-Es-253
 Cross Section -33.16 To 126.4 %



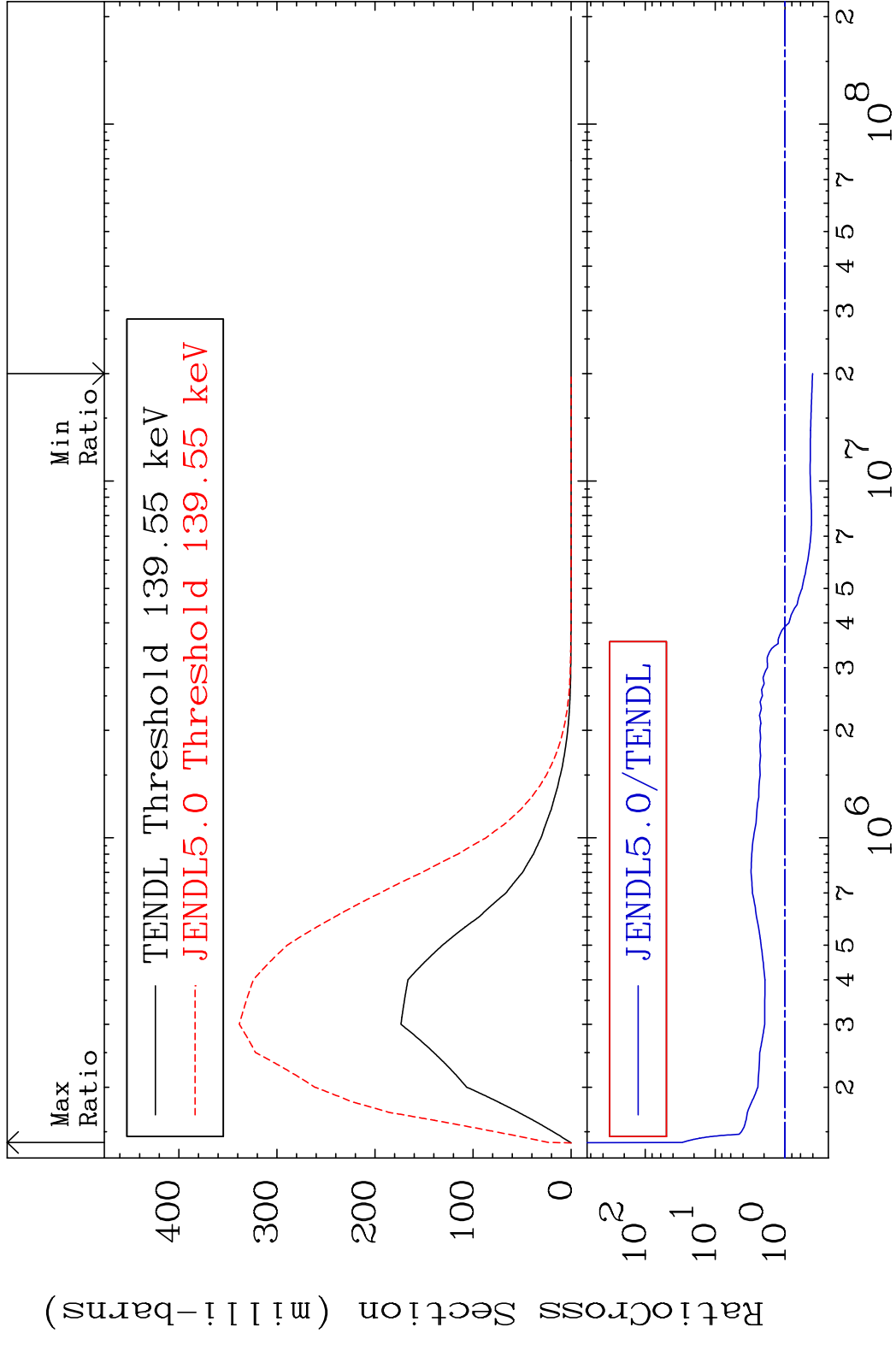
9 99-Es-253

MAT 9913 MT= 53 (n, n') Level 99-Es-253
 Cross Section -96.17 To 107.2 %



10 10⁵ 10⁶ 10⁷ 10⁸ 2
 99-Es-253

MAT 9913 MT= 54 (n,n') Level 99-Es-253
 Cross Section -59.54 To 2844. %

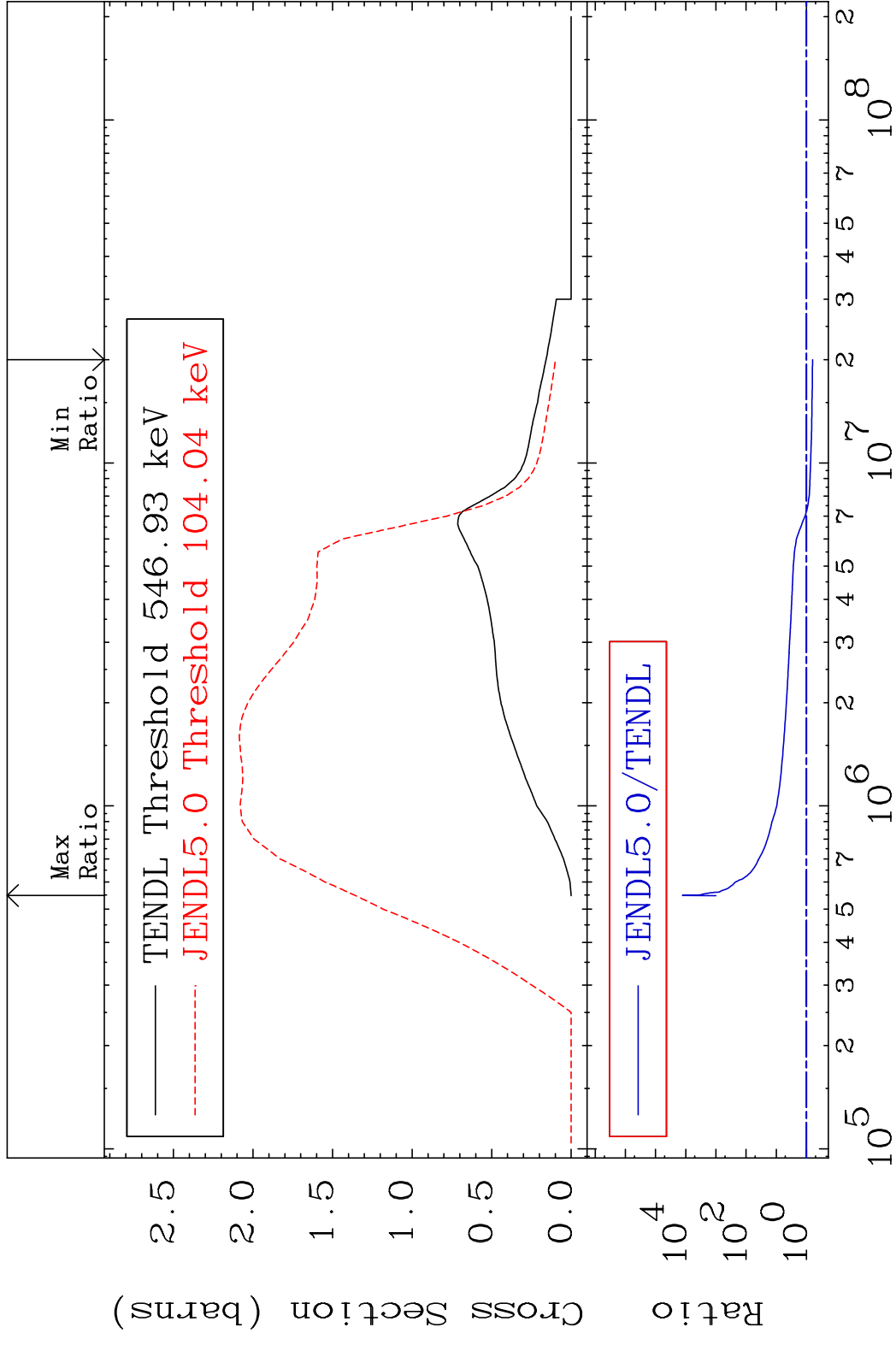


MAT 9913

(n, n') Continuum

99-Es-253

Cross Section -37.36 To 9999. %



13

Incident Energy (eV)

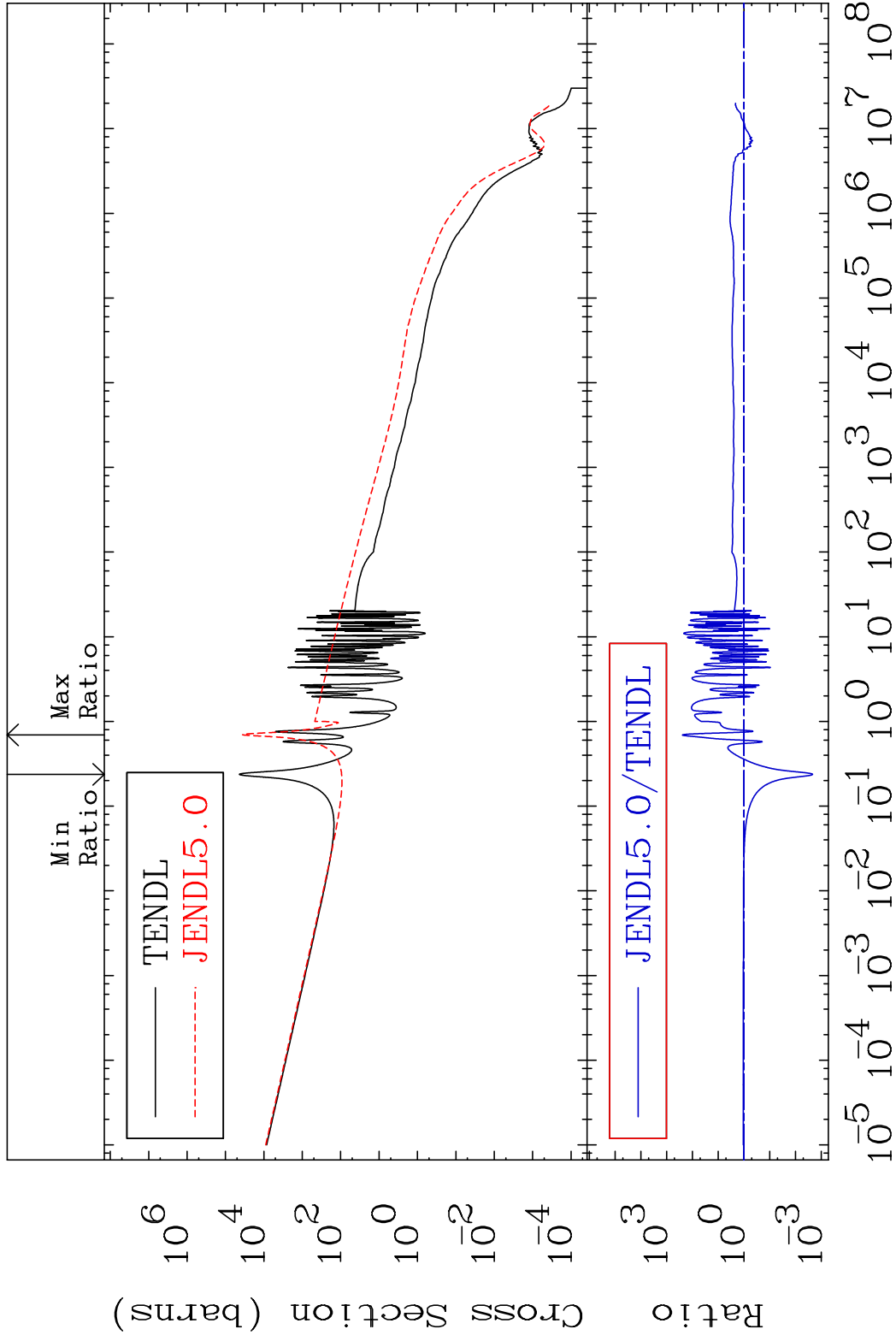
99-Es-253

MAT 9913

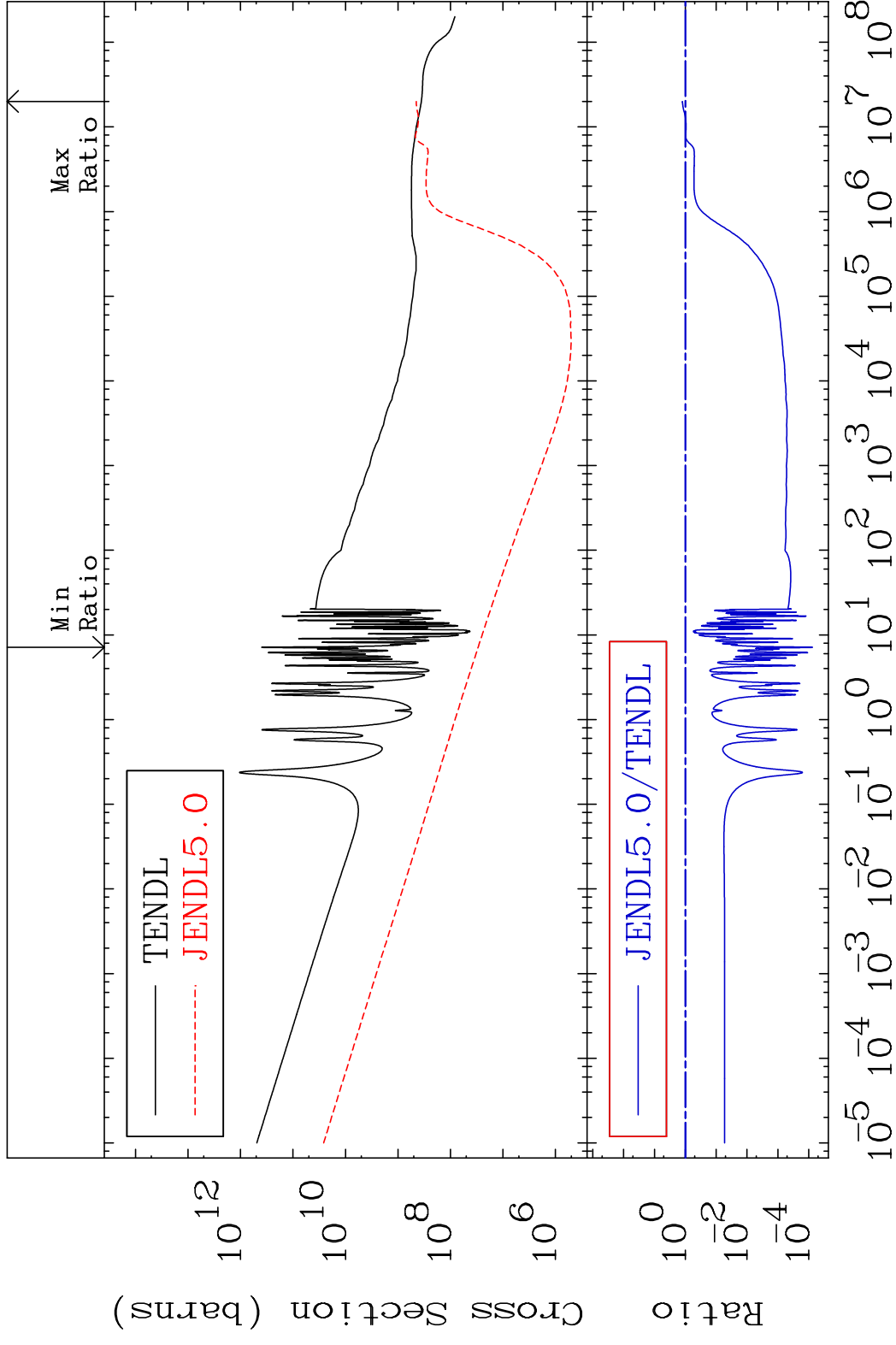
(n, γ)

99-Es-253

Cross Section -99.78 To 9999. %



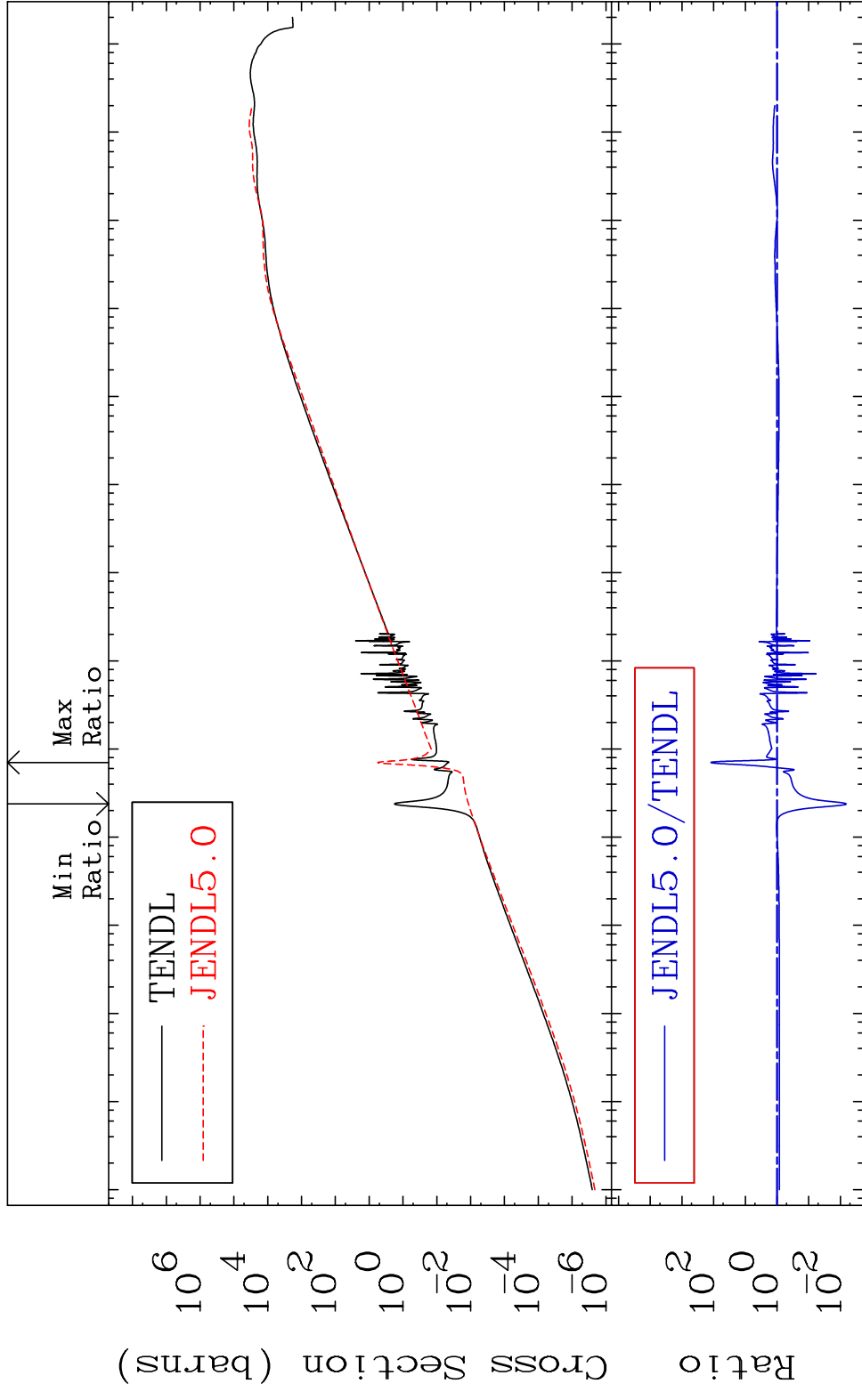
MAT 9913 Kerma total (eV-barns) 99-Es-253
 Cross Section -99.99 To 24.92 %



15 Incident Energy (eV) 99-Es-253

MAT 9913

Kerma elastic
Cross Section -99.35 To 9999. %



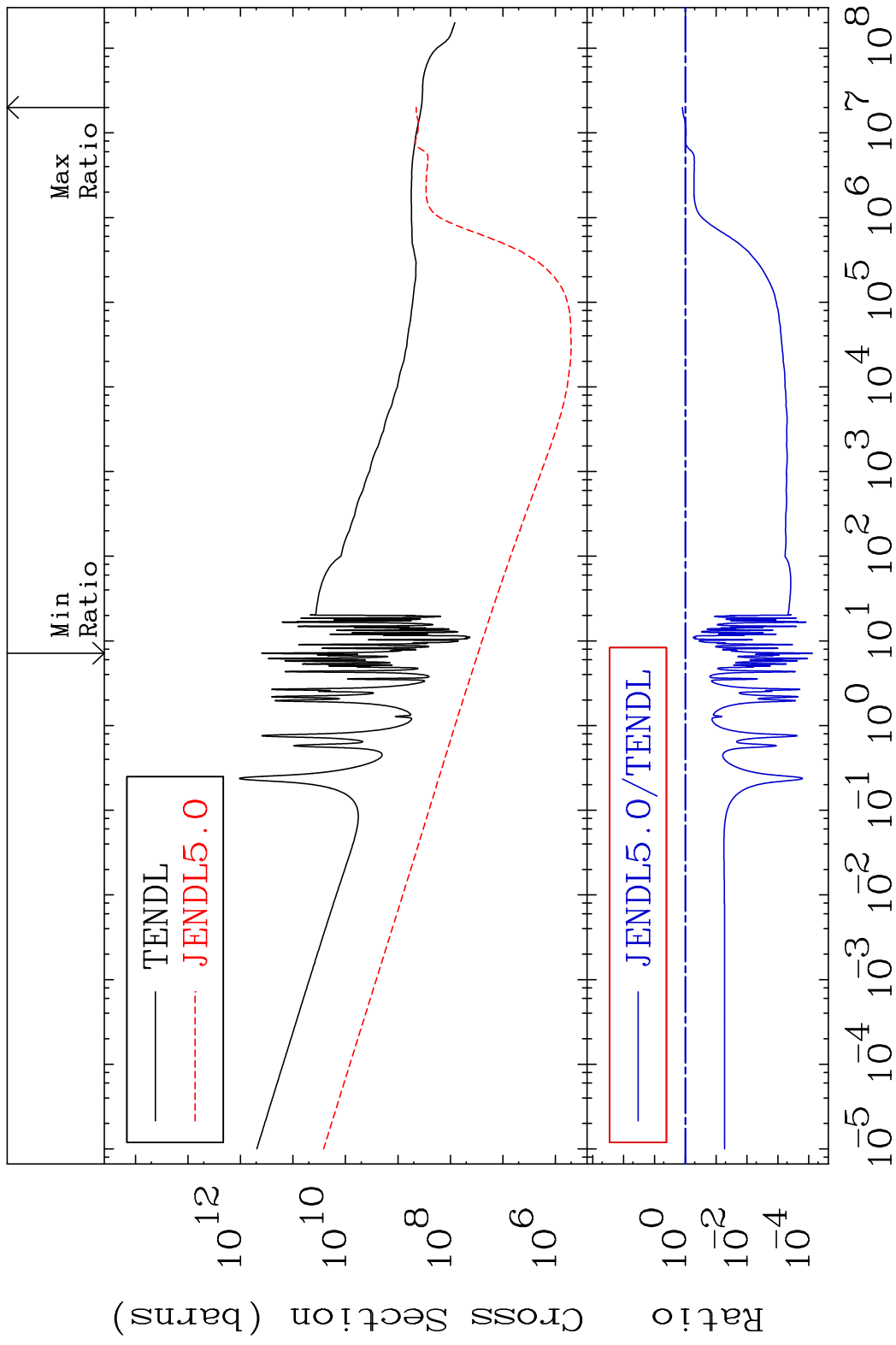
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

16

Incident Energy (eV)

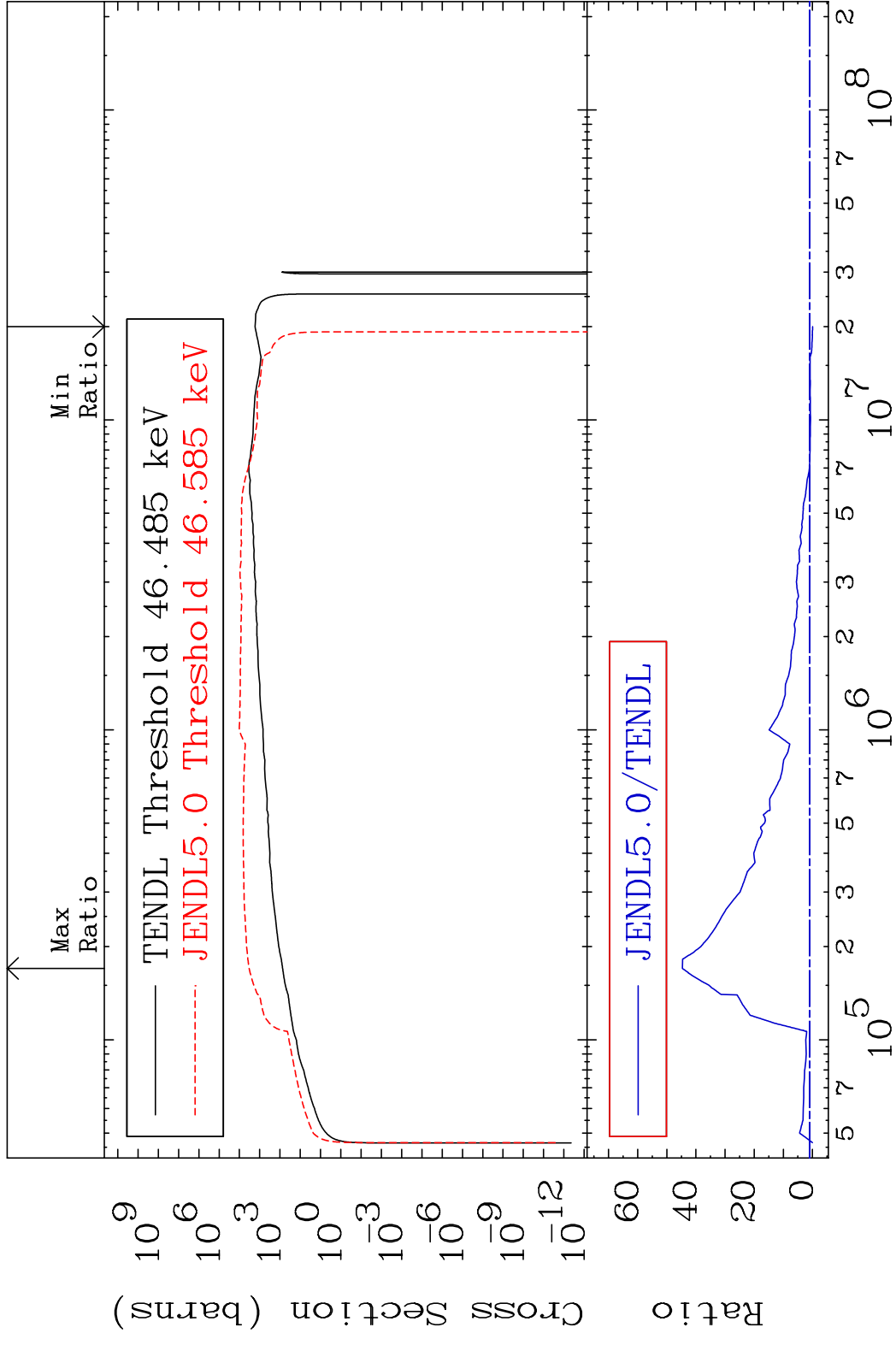
99-Es-253

MAT 9913 Kerma non-elastic (all but mt2) 99-Es-253
 Cross Section -99.99 To 24.92 %

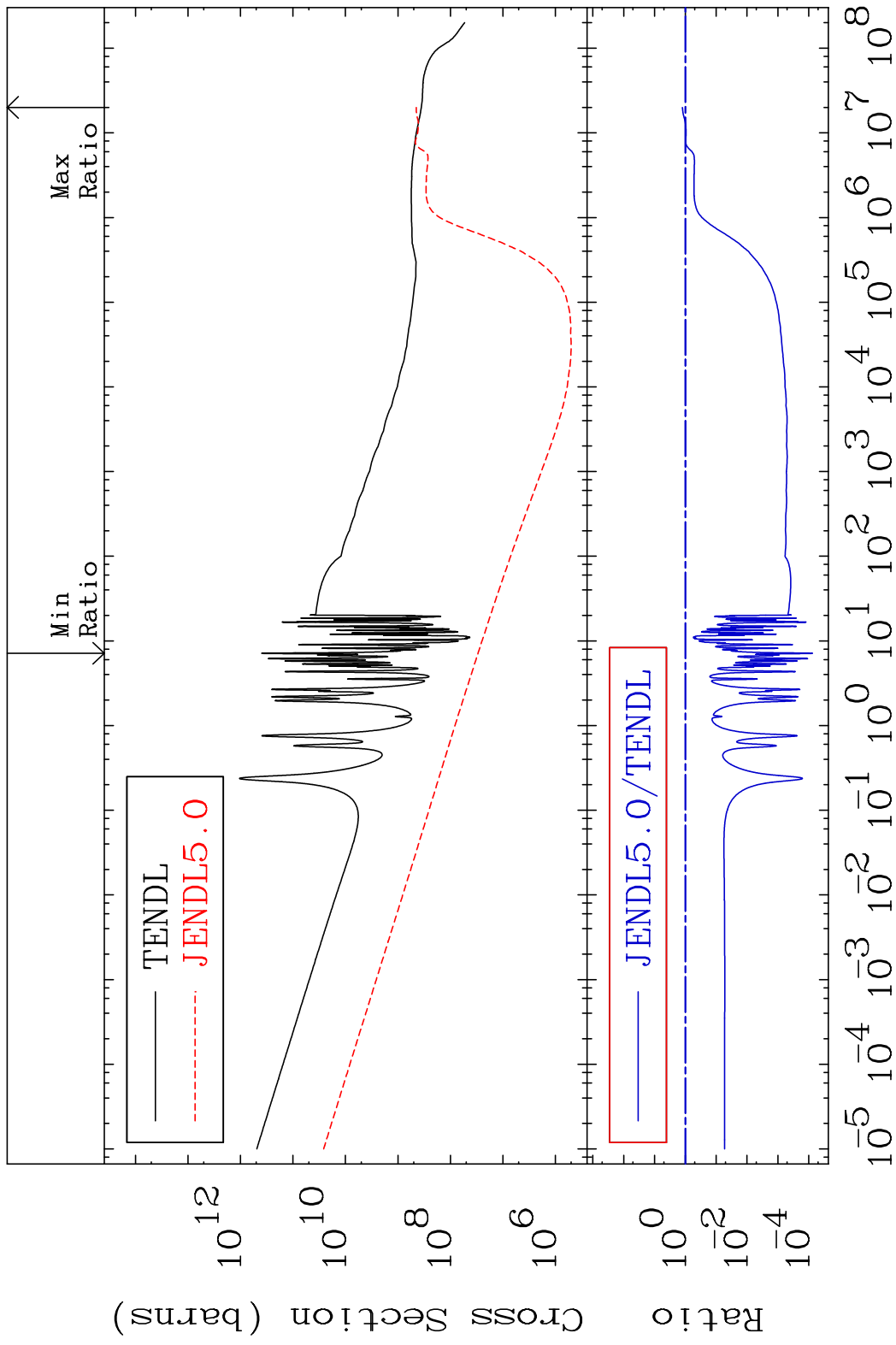


17 Incident Energy (eV) 99-Es-253

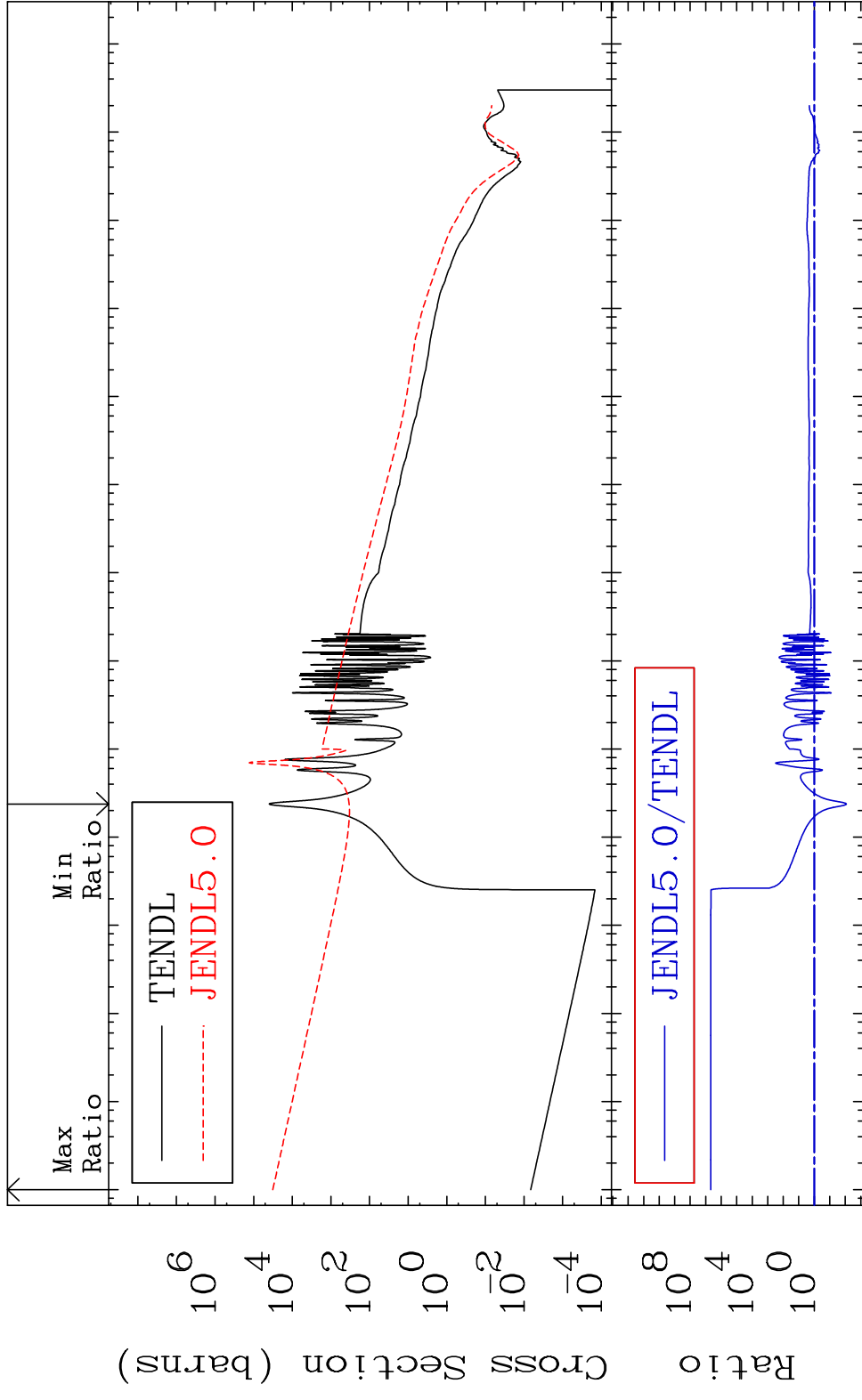
MAT 9913 Kerma inelastic (mt51-91) 99-Es-253
 Cross Section -103.3 To 4367. %



MAT 9913 Kerma fission (mt18 or mt19-20-21-38) 99-Es-253
 Cross Section -99.99 To 25.14 %

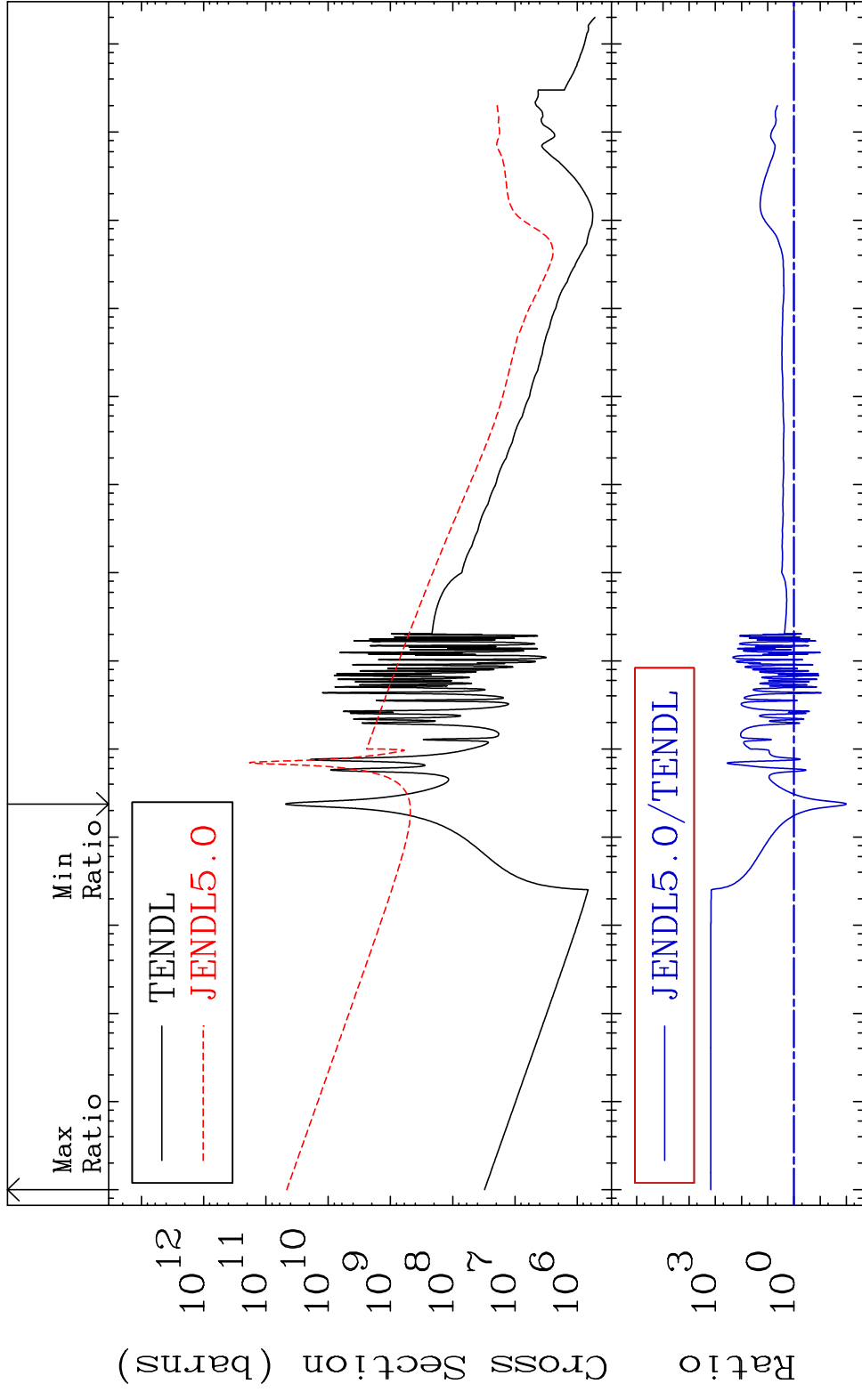


MAT 9913 Kerma capture (mt102) 99-Es-253
 Cross Section -99.15 To 9999. %

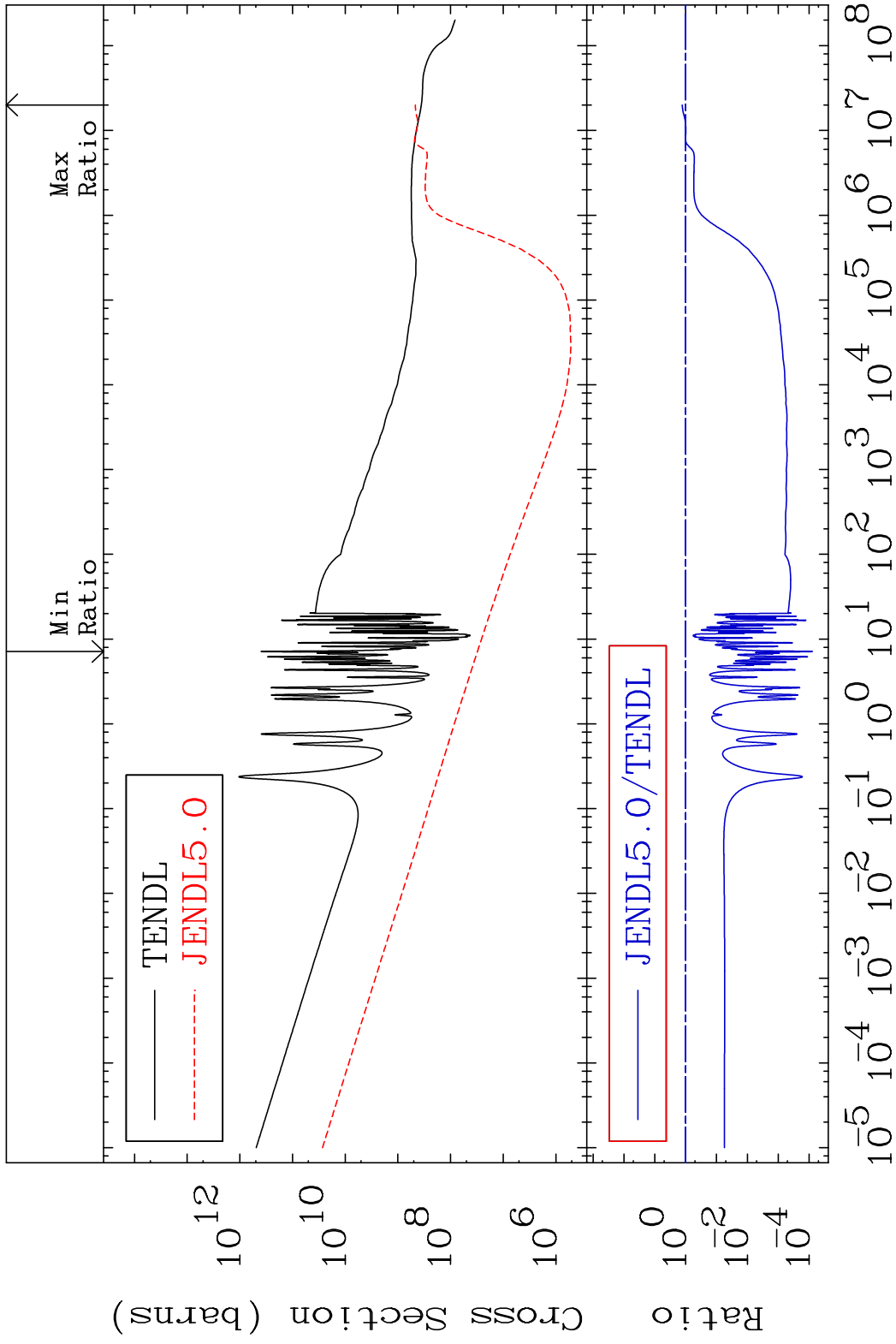


20 Incident Energy (eV) 99-Es-253

MAT 9913 Total photon (eV-barns) 99-Es-253
 Cross Section -98.99 To 9999. %



MAT 9913 Total kinematic kerma (high limit) 99-Es-253
 Cross Section -99.99 To 29.93 %

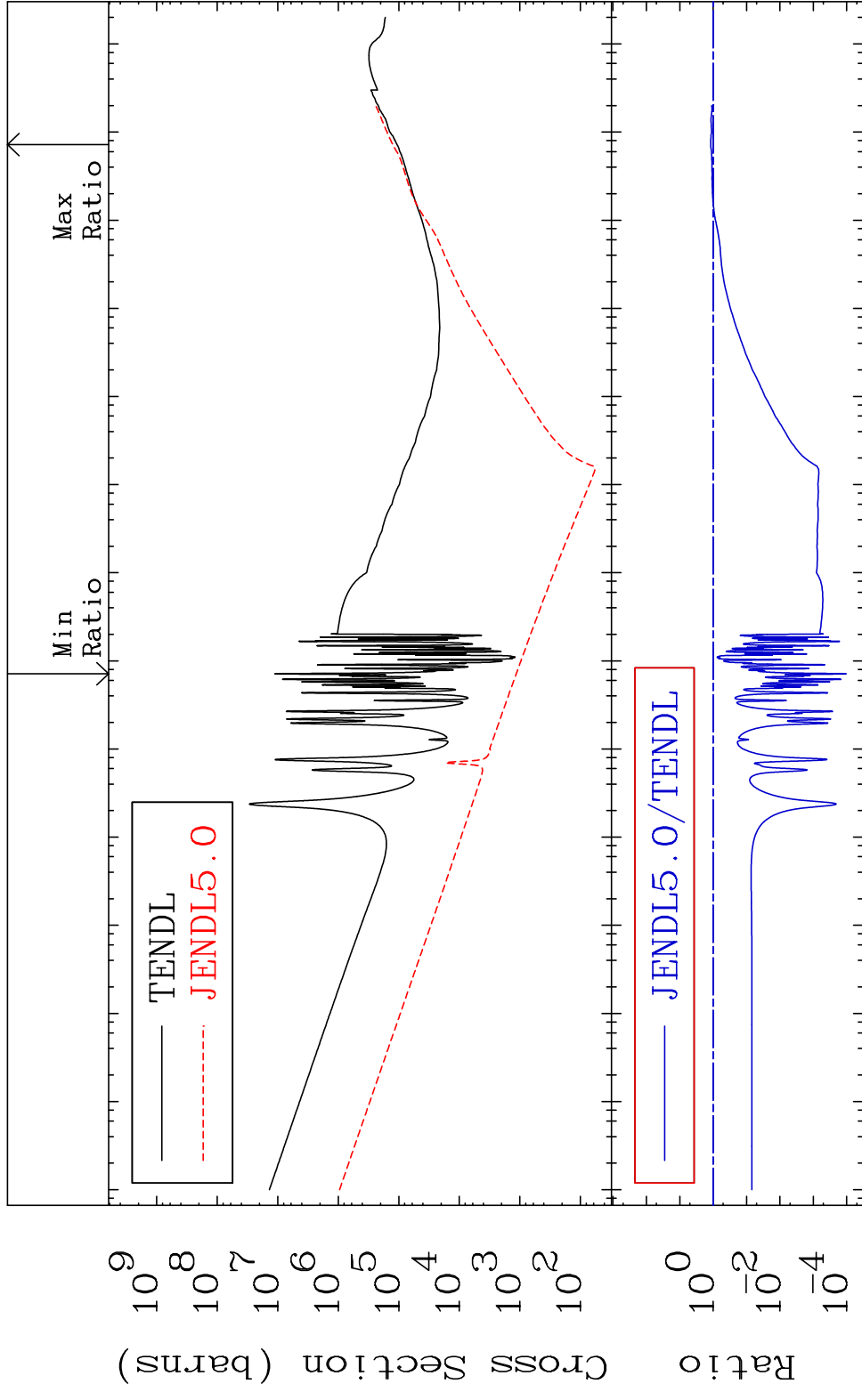


MAT 9913

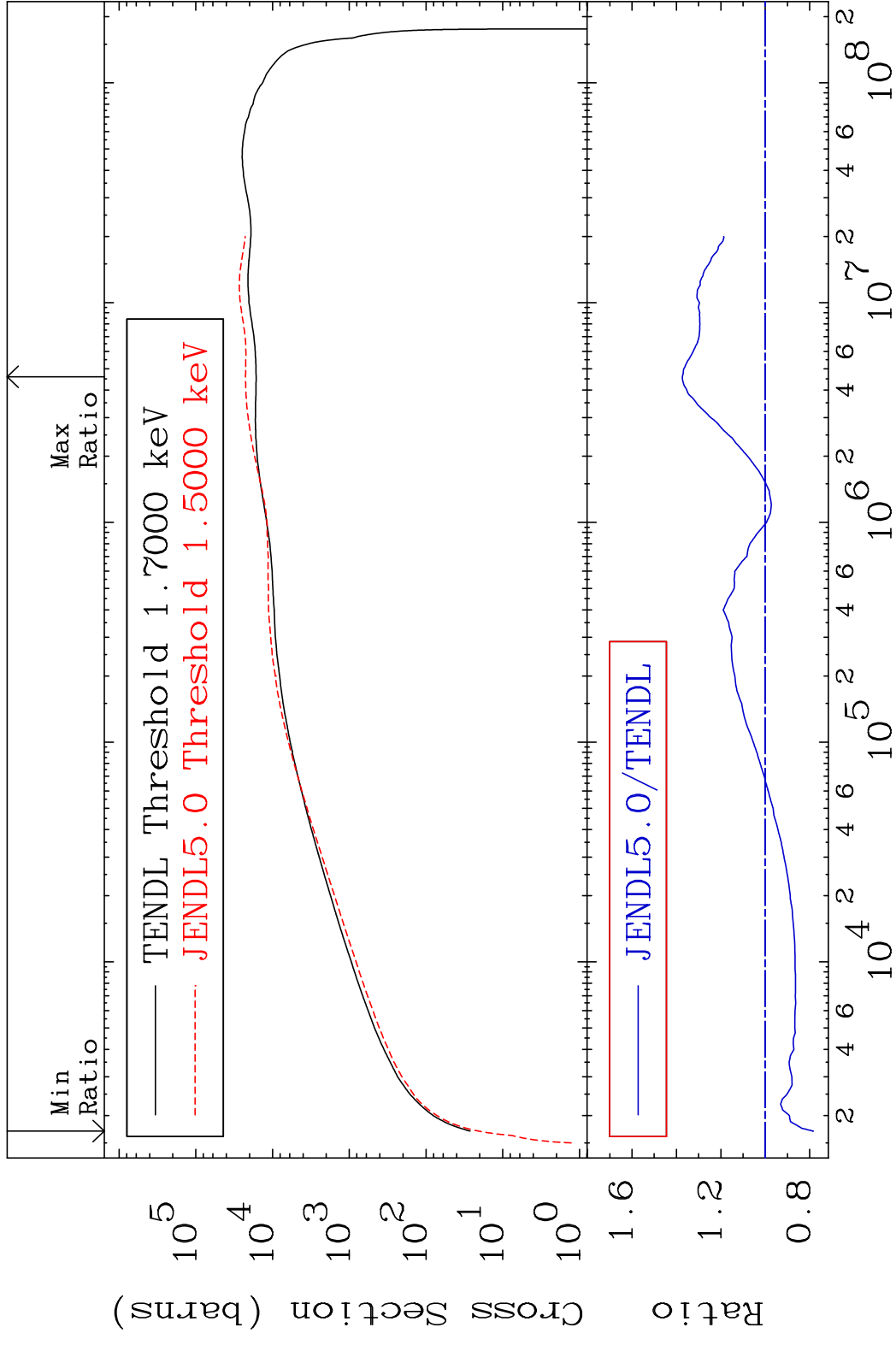
Dpa total (eV-barns)

99-Es-253

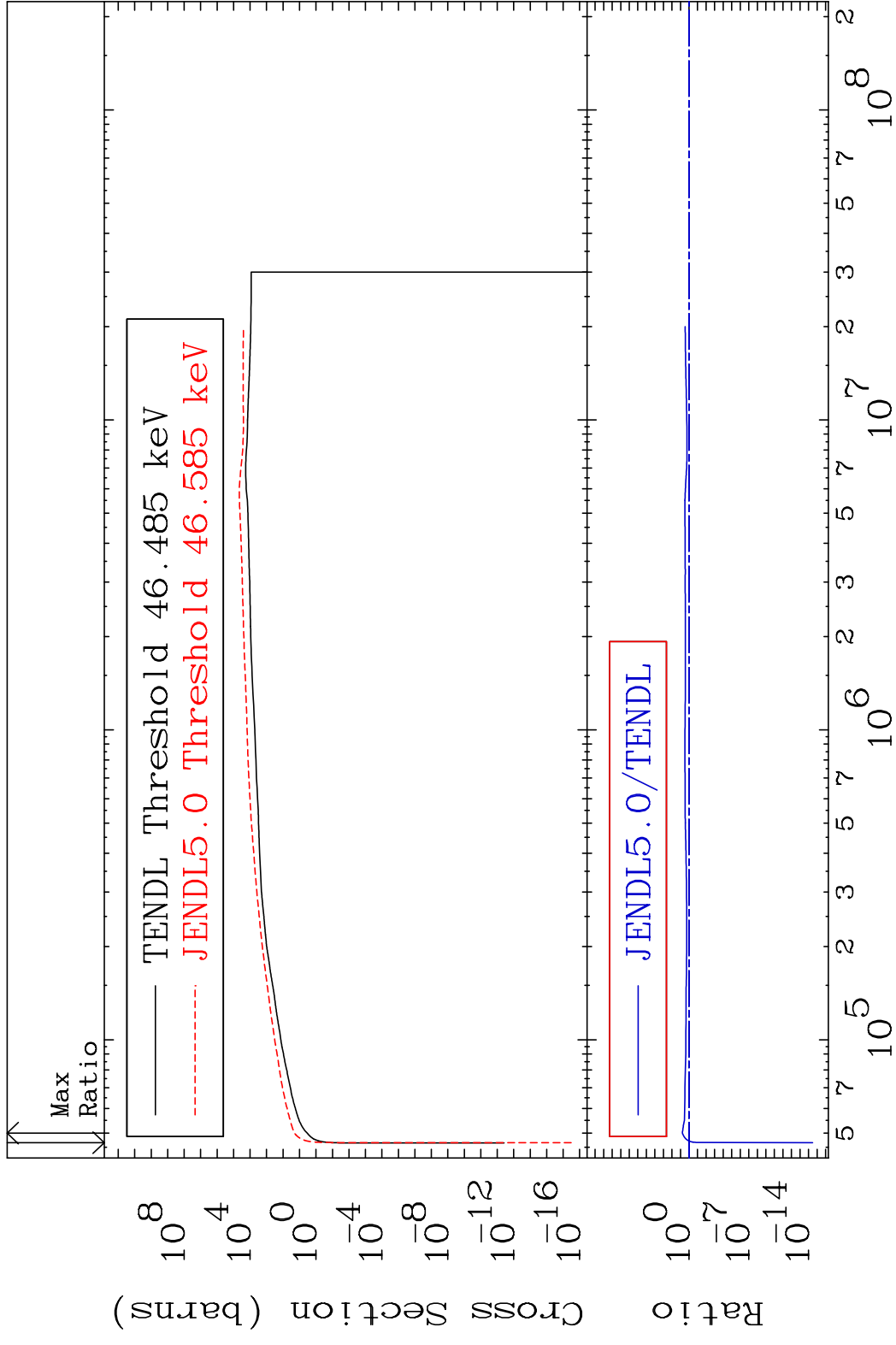
Cross Section -99.99 To 18.33 %



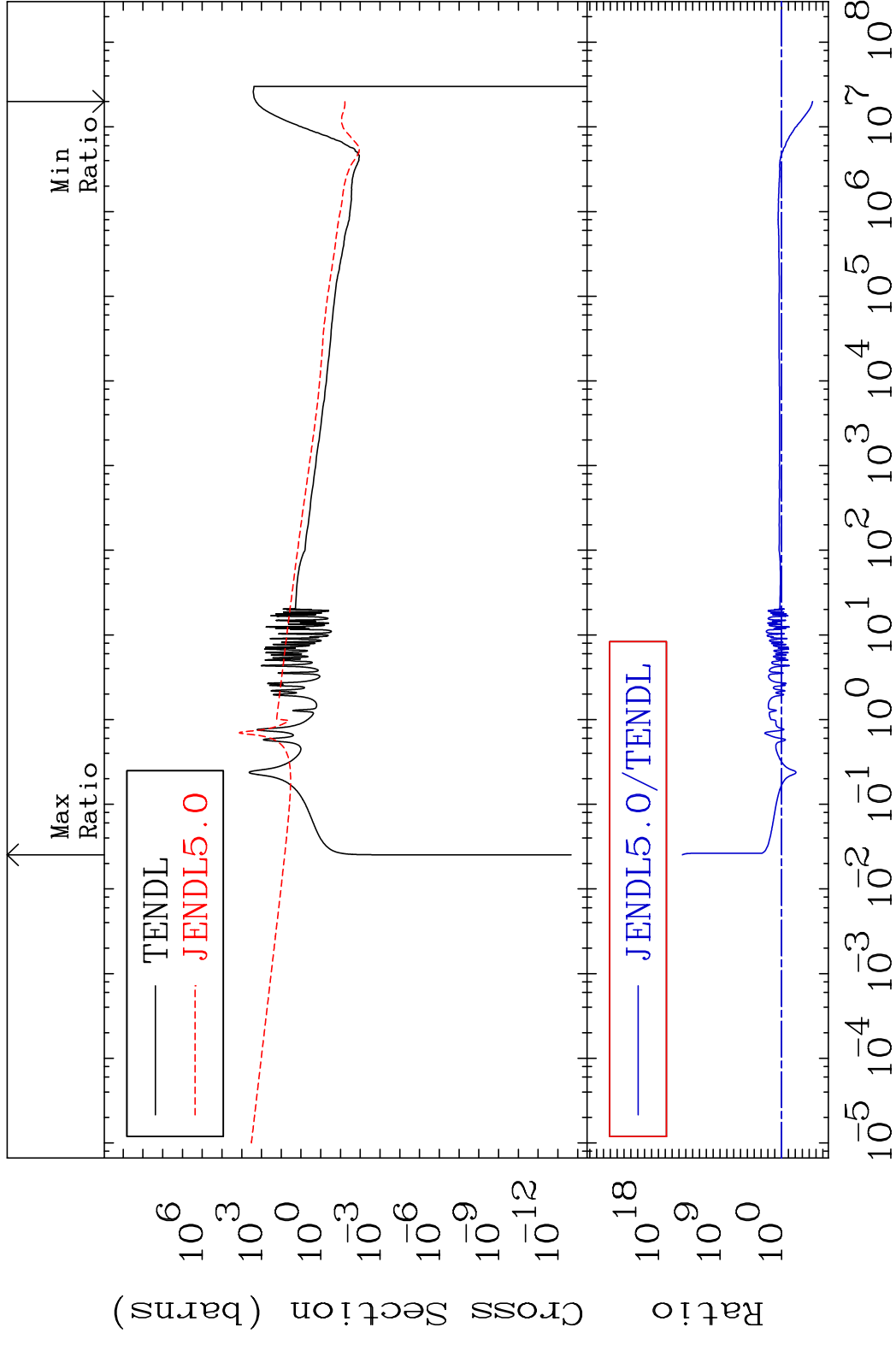
Cross Section -21.29 To 37.32 %



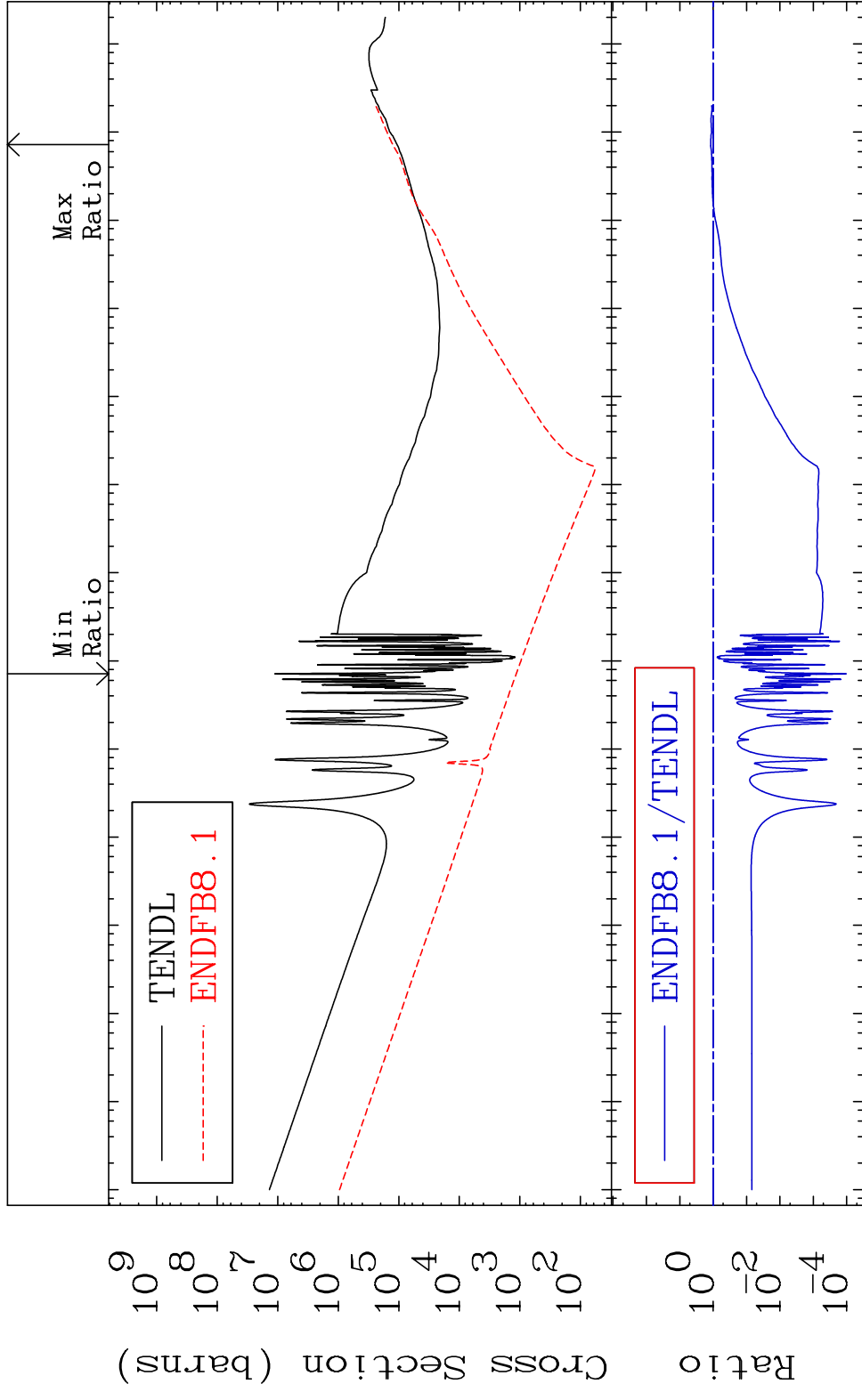
MAT 9913 Dpa inelastic (mt51-91) 99-Es-253
 Cross Section -100.0 To 503.1 %



MAT 9913 Dpa disappearance (mt102 -120) 99-Es-253
 Cross Section -100.0 To 9999. %



Cross Section -99.99 To 18.33 %

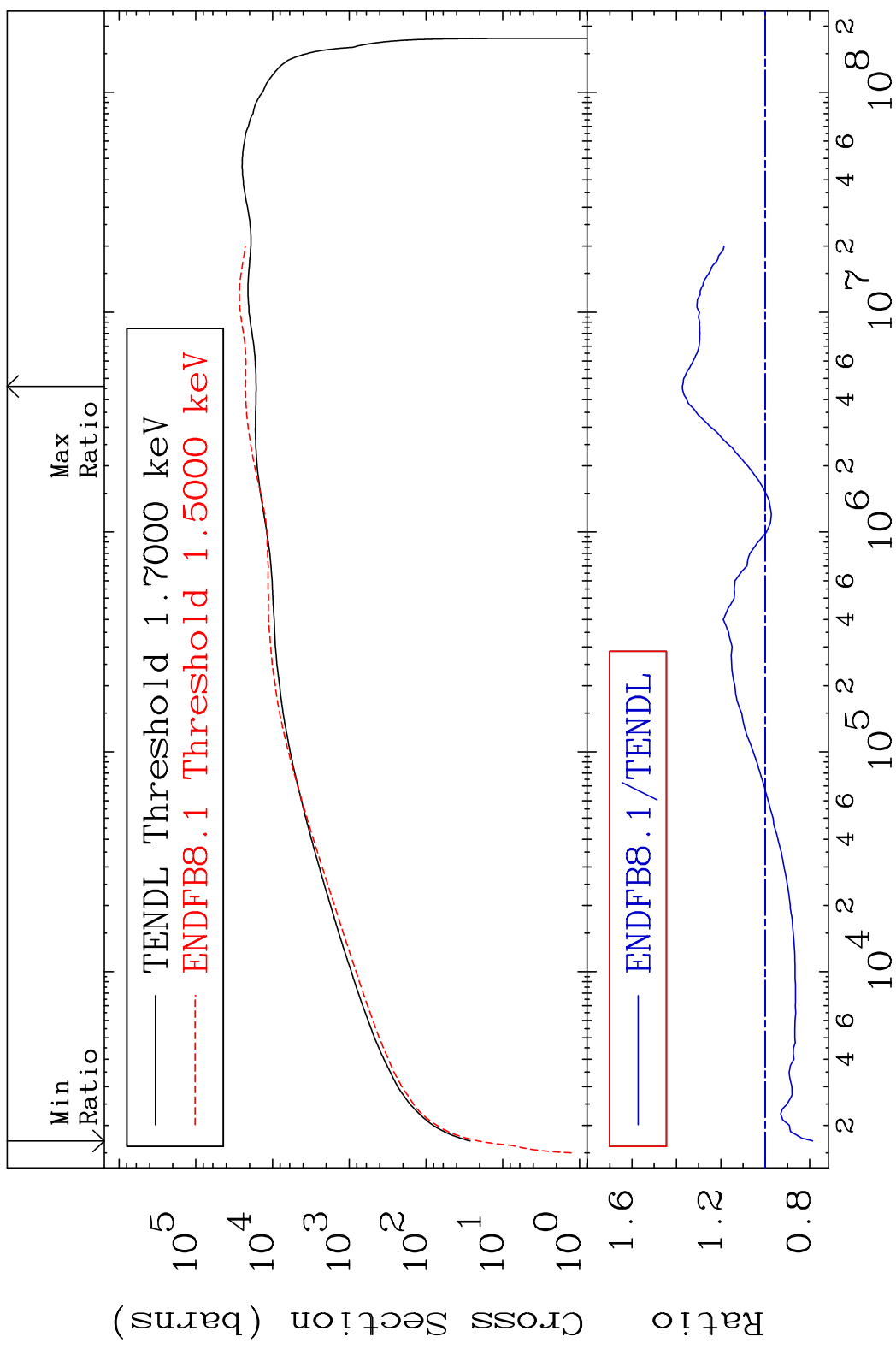


MAT 9913

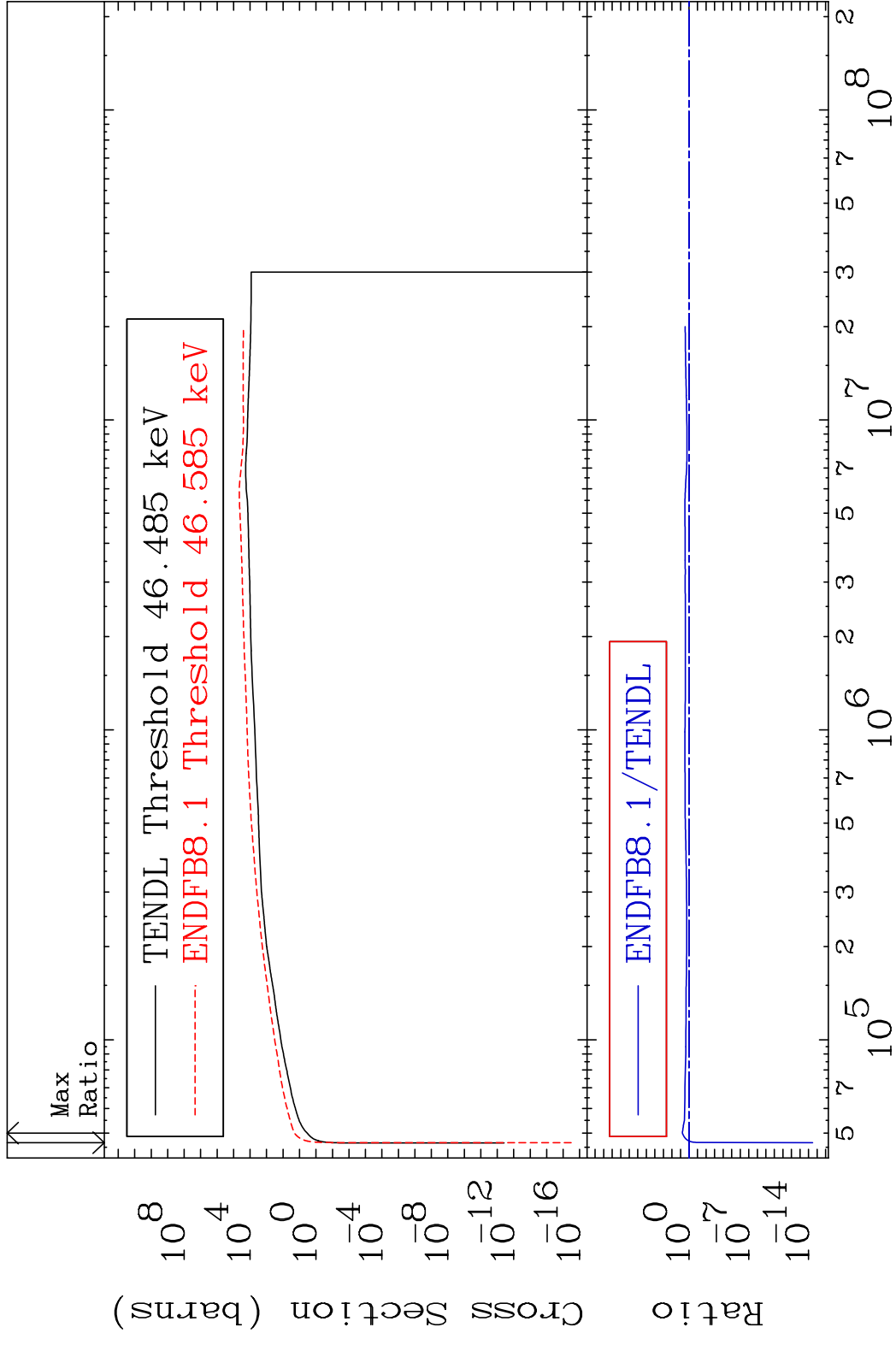
Dpa elastic (mt2)

99-Es-253

Cross Section -21.29 To 37.32 %



MAT 9913 Dpa inelastic (mt51-91) 99-Es-253
 Cross Section -100.0 To 503.1 %



MAT 9913 Dpa disappearance (mt102 -120) 99-Es-253
 Cross Section -100.0 To 9999. %

